### DoD Tech Reports | Order Form | Catalog | Part 48 of 1597 | Page 1 of 21

AD0262319	THE INFLUENCE OF WINDS AND RELATIVE HUMIDITY ON THE SEASONAL THERMOCLINE AT OCEAN STATION P
AD0262320	A NUMERICAL METHOD OF 1000-MB PROGNOSIS THROUGH PREDICTION OF THICKNESS FIELD
AD0262321	A STUDY OF GEOSTROPHIC ANGULAR MOMENTUM TRANSPORT BY WAVES WITH PERIODS 1 TO 30 DAYS AT THE 500-MB SURFACE AND A MID-LATITUDE STATION
AD0262322	THE EFFECT OF WIND UPON THE MIXED-LAYER DEPTH
AD0262323	INVESTIGATION OF STREAM FUNCTIONS OBTAINED THROUGH SECOND- ORDER GEOSTROPHIC APPROXIMATIONS
AD0262324	MINIMUM-TIME SHIP ROUTING BY CALCULUS OF VARIATIONS METHODS
AD0262325	METEOROLOGICAL FACTORS AFFECTING MIXED-LAYER DEPTH FLUCTUATION
AD0262326	A METHOD OF FORECASTING THE FORMATION OF 500-MILLIBAR BLOCKS USING STATISTICAL PARAMETERS
AD0262327	OCEANOGRAPHIC EFFECTS OF THE BERMUDA-AZORES ANTICYCLONE
AD0262328	RATIOS OF GEOSTROPHIC DRAG COEFFICIENTS IN THE SURFACE LAYER UNDER VARIOUS STABILITY CONDITIONS
AD0262330	HEATS OF FORMATION OF TWO ISOMERS OF DIFLUORODIAZINE
AD0262331	RANGE OF PROTON-ANTIPROTON ANNIHILATION
AD0262332	THE DABOB BAY NOISE-MEASURING SYSTEM. SECTION II: NOISE ANALYSIS
AD0262333	THE DABOB BAY NOISE-MEASURING SYSTEM. SECTION I: SYSTEM OPERATION
AD0262334	PRODUCTION ENGINEERING MEASURE FOR VARIABLE CAPACITOR DIODES
AD0262335	NONLINEAR ASPECTS OF COMBUSTION INSTABILITY IN LIQUID PROPELLANT ROCKET MOTORS
AD0262338	THERMAL STABILITY OF HYDROCARBON FUELS
AD0262339	EVALUATION OF THE DEBURRING OF 40 MM CARTRIDGE CASES BY THE VAPOR BLAST PROCESS
AD0262343	TELEMETRY TRANSDUCER HANDBOOK
AD0262345	70 MC, 1 WATT SILICON TRANSISTOR
AD0262348	THE EFFECT OF THE EARTH-IONOSPHERE WAVEGUIDE ON WHISTLERS
AD0262350	PROLONGATIONS AND GENERALIZED LIAPUNOV FUNCTIONS
AD0262351	WAVES IN WARM QUIESCENT PLASMAS
AD0262352	HIGH SPEED COMPUTER SYSTEM RESEARCH
AD0262353	EFFECTS OF PLASTIC DEFORMATION ON SUPERCONDUCTIVE PROPERTIES OF METALS
AD0262354	MAGNETOHYDRODYNAMICS AND ENERGY CONVERSION

### DoD Tech Reports | Order Form | Catalog | Part 48 of 1597 | Page 2 of 21

AD0262355	RADIO OBSERVATIONS AND RESULTS OF SPUTNIK 3
AD0202333	
AD0262356	THE EFFECT OF REACTANT CONSUMPTION IN NONSTEADY EXPLOSION THEORY
AD0262358	MOTOR TEMPERATURE SENSOR, SERGEANT ARTILLERY GUIDED MISSILE SYSTEM
AD0262360	SCALES FOR SUBJECTIVE DISTANCE
AD0262367	THE ELECTRICAL PROPERTIES OF IONIZED FLAMES. PART I. STUDY OF FLAME IONIZATION
AD0262368	THE ELECTRICAL PROPERTIES OF IONIZED FLAMES. PART II. ELECTROSTATIC AND MAGNETOHYDRODYNAMIC DEFLECTION
AD0262373	IONS IN FLAMES
AD0262374	IONIZED SHOCK FRONT ANALYSIS. PART III. EFFECT OF JOULE HEATING ON ELECTRON DENSITY LEVEL AND MICROWAVE PROPERTIES DOWNSTREAM OF A STRONG SHOCK WAVE
AD0262375	IONIZED SHOCK FRONT ANALYSIS. PART IV. PROPAGATION AND REFLECTION CHARACTERISTICS OF A UNIFORM MEDIUM WITH A NONLINEAR ELECTRICAL CONDUCTIVITY
AD0262376	CONTRIBUTION TO THE CALCULATION OF LIGHTNING SURGES INDUCED IN ELECTRIC TRANSMISSION LINES
AD0262379	A NEW APPROACH TO PLASTIC-MANDREL FABRICATION
AD0262381	PRODUCTION ENGINEERING MEASURES. DIFFUSED SEMICONDUCTOR DEVICES 7, 12 PLUS 2N559 AND 2N1094
AD0262382	INDUSTRIAL PREPAREDNESS STUDY. 2N667 AND 2N668 RUGGEDIZED AUDIO TRANSISTORS
AD0262383	CATALOGUE OF SATELLITE OBSERVATIONS NO. C-22
AD0262384	CATALOGUE OF SATELLITE OBSERVATIONS NO. C-23
AD0262385	CATALOGUE OF SATELLITE OBSERVATIONS, NO. C-24
AD0262388	AN INVESTIGATION OF CRYSTAL IMPERFECTIONS BY X-RAY DIFFRACTION
AD0262389	A STUDY OF NEUTRONS AND GAMMA RAYS FROM NEUTRON INDUCED REACTIONS IN SEVERAL ELEMENTS
AD0262391	LOW-ENERGY SPUTTERING STUDIES
AD0262392	LAUNCHER, ROCKET, BATTLEFIELD ILLUMINATION, XM92
AD0262393	AIR COOLING AND CONDENSATION DURING HEAT ADVECTION
AD0262394	A STUDY OF NEUTRONS AND GAMMA RAYS FROM NEUTRON INDUCED REACTIONS IN SEVERAL ELEMENTS
AD0262395	AN EXPERIMENTAL PAYLOAD TO INVESTIGATE THE SOLAR WIND- GEOMAGNETIC FIELD INTERFACE
AD0262399	RADIATION EFFECTS ON MANNED SPACE FLIGHTS

### DoD Tech Reports | Order Form | Catalog | Part 48 of 1597 | Page 3 of 21

AD0262400	A BAYES TEST OF P LESS THAN OR EQUAL TO 1/2 VERSUS P >1/2
AD0262404	N. P. PSYTAR. NOISE PROGRAMMED PSYCHOPHYSICAL TESTER AND RECORDER
AD0262407	DESIGN INFORMATION ON AM-350 STAINLESS STEEL FOR AIRCRAFT AND MISSILES
AD0262410	EFFECT OF MULTIPLE-NOZZLE GEOMETRY ON JET-NOISE GENERATION
AD0262411	STUDY OF MICROJUNCTION FORMATION TECHNOLOGY
AD0262412	RESEARCH AND DEVELOPMENT ON HIGH-POWER CRESTATRONS FOR THE 100- 300 MC FREQUENCY RANGE
AD0262414	A STUDY OF DESIGN REQUIREMENTS FOR A FULL-SCALE WIND TUNNEL
AD0262415	METHOD OF INVESTIGATING RADIOWAVES IN THE TROPOSPHERE UNDER LARGE ANGLES
AD0262416	ON THE QUESTION OF THE DOPPLER EFFECT IN THE THEORY OF VAVILOV- CHERENKOV LUMINESCENCE
AD0262417	ON THE THEORY OF COMBINATION SCATTERING OF WAVES ON A ROUGH SURFACE
AD0262418	ON THE CONSERVATION LAW AND EXPRESSION FOR THE ENERGY DENSITY IN THE ELECTRODYNAMICS OF ABSORBING AND DISPERSING MEDIA
AD0262419	ON THE QUESTION OF THE MEASUREMENT OF THE ELECTRON CONCENTRATION IN THE IONOSPHERE AND INTERPLANETARY SPACE
AD0262420	LUNAR TIDAL FLUCTUATIONS IN THE IONOSPHERE
AD0262421	CORRELATION FUNCTION OF THE AMPLITUDES OF SIGNALS SCATTERED FROM AN ABSOLUTELY ROUGH SCREEN
AD0262422	ANALYSIS OF THE SHAPE OF ATMOSPHERICS
AD0262423	ON THE QUESTION OF THE LIMITS OF APPLICABILITY OF THE SMOOTH PERTURBATIONS METHOD IN THE PROBLEM OF RADIATION PROPAGATION THROUGH A MEDIUM WITH INHOMOGENEITIES
AD0262424	PHASE AND AMPLITUDE FLUCTUATIONS DURING VERY DISTANT ELECTROMAGNETIC WAVE PROPAGATION OVER THE EARTH'S SURFACE
AD0262425	APPLICATION OF CONFORMAL MAPPING TO THE SIMPLEST PROBLEMS OF WAVE PROPAGATION IN INHOMOGENEOUS MEDIA
AD0262426	SOME NUMERICAL RESULTS ON A COMPOUND DECISION PROBLEM
AD0262427	AN EXPERIMENTAL STUDY OF FACTORS INFLUENCING TROUBLE-SHOOTING DIFFICULTY
AD0262429	THE EFFECTS OF HIGH ENERGY RADIATION ON INFRARED OPTICAL MATERIALS. AN ANNOTATED BIBLIOGRAPHY
AD0262430	STUDY OF NUTATIONAL RESONANCE IN OPTICALLY PUMPED RUBIDIUM VAPOR
AD0262433	PROBLEMS OF RESPONSE CONTAMINATION IN PERSONALITY ASSESSMENT

### DoD Tech Reports | Order Form | Catalog | Part 48 of 1597 | Page 4 of 21

AD0262437	THE SILVER OXIDE-ZINC ALKALINE PRIMARY CELL. PART 5. COMPARISON OF POTASSIUM HYDROXIDE, CESIUM HYDROXIDE, AND RUBIDIUM HYDROXIDE ELECTROLYTES
AD0262438	A 10:1 FREQUENCY MULTIPLIER WITH A 10:1 INPUT FREQUENCY RANGE AND AUTOMATIC FINE TUNING
AD0262439	SOLUBILIZATION OF METHANOL BY SOAP MICELLES IN TOLUENE AS MEASURED BY GAS CHROMATOGRAPHY
AD0262440	ELECTRONIC EQUILIBRIUM IN FREE-AIR CHAMBERS AND A PROPOSED NEW CHAMBER DESIGN
AD0262441	SOLID STATE RESEARCH OF THE APPLIED PHYSICS DEPARTMENT FOR THE YEAR 1960
AD0262442	TEMPERATURE TABLES. PART 3. ONE-LAYER CYLINDRICAL SHELL, EXTERNAL HEATING, ONE-SPACE VARIABLE, LINEAR
AD0262443	MAGNETOYDRODYNAMIC SHOCK WAVES
AD0262444	RADIOCHEMICAL DETERMINATION OF SODIUM-24 AND SULFUR-35 IN SEAWATER
AD0262445	OPTICAL GAGING MANUAL
AD0262447	THE MOMENTS OF A VARIATE RELATED TO THE NON-CENTRAL T
AD0262448	STATIC REFLECTIVITY MEASUREMENTS OF 12 FOOT DIAMETER INFLATABLE SATELLITE
AD0262449	SOME CHARACTERISTICS OF F-LAYER IRREGULARITIES DEDUCED FROM BACKSCATTER SOUNDINGS MADE WITH A SLEWABLE ANTENNA HAVING A TWO-DEGREE AZIMUTHAL BEAMWIDTH
AD0262452	PRACTICAL ASPECTS OF REENTRY PROBLEMS
AD0262453	COMMENTS ON E. PALM'S PAPER - ON THE TENDENCY TOWARDS HEXAGONAL CELLS IN STEADY CONVECTION
AD0262454	MAINTAINABILITY MEASUREMENT AND PREDICTION METHODS FOR AIR FORCE GROUND ELECTRONIC EQUIPMENT
AD0262455	PARTIAL QUALIFICATION TEST OF TITAN I ENGINE COMPONENT THRUST CHAMBER ASSEMBLY CONTROLS, AEROJET-GENERAL CORPORATION, SACRAMENTO, CALIFORNIA
AD0262457	ELECTRON SPIN RESONANCE IN SEMICONDUCTING RUTILE
AD0262458	RESEARCH AND DEVELOPMENT ON HIGH TEMPERATURE FERROELECTRIC MATERIALS
AD0262459	AN INTERIM LORAN C RECEIVING SYSTEM
AD0262460	RESEARCH ON SUPER POWER MICROWAVE AMPLIFIER
AD0262461	SOLID-STATE ELECTRONICS RESEARCH
AD0262462	SOME ASPECTS OF DEFORMATION IN SINGLE CRYSTALS AND BICRYSTALS OF ALUMINUM AT ELEVATED TEMPERATURES

### DoD Tech Reports | Order Form | Catalog | Part 48 of 1597 | Page 5 of 21

AD0262463	NON-WAVEGUIDE TRANSMISSION OF MILLIMETER WAVES
AD0262465	THE DOMAIN OF THE GROUND EFFECT MACHINE. VOLUME I. THE DETERMINATION OF PHYSICAL AND OPERATING CHARACTERISTICS OF MILITARY OVERLAND, AMPHIBIOUS AND MARINE GEMS FROM WORLD-WIDE ENVIRONMENTAL CRITERIA
AD0262466	DESCRIPTION AND PRELIMINARY CALIBRATION OF A LOW-DENSITY, HYPERVELOCITY WIND TUNNEL
AD0262468	LIST OF COORDINATES OF STATIONS ENGAGED IN THE OBSERVATION OF ARTIFICIAL EARTH SATELLITES
AD0262469	THE MOTION OF SATELLITE 1958 EPSILON AROUND ITS CENTER OF MASS
AD0262470	ELEMENTS OF THE ORBIT OF THE SATELLITE 1959 ETA (VANGUARD III) DURING THE FIRST YEAR AFTER LAUNCHING
AD0262471	TESSERAL HARMONICS OF THE POTENTIAL OF THE EARTH AS DERIVED FROM SATELLITE MOTIONS
AD0262472	INVESTIGATIONS OF FLUSH-MOUNTED ANTENNAS
AD0262480	ION AND ATOMIC BEAMS IN SPACE
AD0262481	DATA PROCESSING. THE EXTENSION OF MAN'S SENSORS AND PHYSICAL CAPABILITIES. ANIP RESEARCH
AD0262482	EFFECTS OF UNIT REYNOLDS NUMBER, NOSE BLUNTNESS, AND ROUGHNESS ON BOUNDARY LAYER TRANSITION
AD0262483	A BACKGROUND OF THE PROBLEMS OF BOUNDARY LAYER RESEARCH
AD0262484	THE MEASUREMENT OF UNSTEADY PRESSURES IN WIND TUNNELS
AD0262485	EFFECT OF ROUGHNESS ON TRANSITION IN SUPERSONIC FLOW
AD0262486	THE EFFECT ON PROFILE DRAG OF RANDOMLY DISTRIBUTED, LOW-INTENSITY ROUGHNESS
AD0262487	REVIEW OF THE EFFECT OF DISTRIBUTED SURFACE ROUGHNESS ON BOUNDARY-LAYER TRANSITION
AD0262488	AN INITIAL ASSESSMENT OF GRAPHITE AS A STRUCTURAL MATERIAL IN CONDITIONS OF HIGH THERMAL FLUX
AD0262490	THEORETICAL STUDY OF BURST INDUCED TRANSIENT RADIATION EFFECTS IN BASIC ELECTRONIC CIRCUITS
AD0262492	SUMMARY OF DEVELOPMENT AND STANDARDIZATION STUDIES ON THE SHIPE SAMPLER
AD0262493	NUMERICAL INTEGRATION OF BOUNDARY VALUE PROBLEMS INVOLVING ORDINARY DIFFERENTIAL EQUATIONS
AD0262495	ANALYSIS OF SHIP FORMS TO MINIMIZE WAVEMAKING RESISTANCE
AD0262496	FABRICATING AND MACHINING PRACTICES FOR THE ALL-BETA TITANIUM ALLOY (TI-13V-11CR-3A1)
AD0262497	REVIEW OF RECENT DEVELOPMENTS IN THE TECHNOLOGY OF BERYLLIUM

### DoD Tech Reports | Order Form | Catalog | Part 48 of 1597 | Page 6 of 21

AD0262498	HUMAN FACTORS FOR ARMY-NAVY INSTRUMENTATION PROGRAM
AD0262499	PAROTID SECRETION FLOW RATE UNDER DIFFERENT STIMULI
AD0262500	RESEARCH ON ELECTRONIC RECONNAISSANCE ANTENNAS
AD0262501	MEASUREMENT OF TEMPERATURE. ADVANCED STATE-OF-THE-ART BIBLIOGRAPHY
AD0262502	CHEMO-ELECTRICAL SENSING DEVICE
AD0262510	DEVELOPMENT PROCESSES ASSOCIATED WITH THE FORMATION AND MOVEMENT OF AN ALBERTA CYCLONE
AD0262511	COMPARATIVE DISCHARGE TESTS OF BATTERY POWER SUPPLIES FOR MINOR LIGHTS
AD0262512	STUDY PROGRAM FOR SIMULATOR COMPONENT INTERCONNECTORS
AD0262513	APPLIED RESEARCH ON CROSSED-FIELD ELECTRON GUNS
AD0262514	RESEARCH ACTIVITIES IN MILLIMETER RADIOWAVES AND GEOMAGNETICS
AD0262516	ON THE APPLICATION OF MULIPURPOSE AUTOMATIC INSPECTION AND DIAGNOSTIC SYSTEMS (MAIDS) TO ARMY MAINTENANCE SYSTEM IN THE PERIOD 1962-72
AD0262518	ON THE THEORY OF NONSTATIONARY LIGHT SCATTERING
AD0262519	USE OF A TWO-ELEMENT INTERFEROMETER TO INVESTIGATE WAVE FIELD FLUCTUATIONS
AD0262520	ON THE CURRENT DISTRIBUTION IN AN ANTENNA WITH NONMECHANICAL BEAM SCANNING
AD0262521	SURFACE WAVES ON THE BOUNDARY OF A PLASMA IN A MAGNETIC FIELD
AD0262522	ON THE PHASE CENTER OF ANTENNAS
AD0262523	ON TAKING ACCOUNT OF THE TOPOLOGICAL CHARACTERISTICS OF THE GRATING FACTOR IN DESIGNING FOUR-ELEMENT COPHASAL ANTENNAS WITH REDUCED SIDE EMISSION LEVEL
AD0262524	CONCENTRATED EXCITATION OF A METAL CYLINDER WITH A DIELECTRIC COATING
AD0262525	ON AN 1NALO7 O6 T85 4UHAMEL INTE7R1L 6OR S9GNALS W9TH BOUNDED SPECTRUM
AD0262526	GENERAL METHOD OF SEEKING THE OPTIMUM DISTRIBUTION FOR LINEAR ANTENNAS
AD0262527	WAVE INCIDENCE ON A SELECTIVE REFLECTING SURFACE
AD0262530	'T-END CLOSURE STUDY FOR POLARIS A-3 ROCKET MOTOR CASE
AD0262531	PYROLYTIC CARBIDE DEVELOPMENT PROGRAM
AD0262533	LITERATURE SURVEY ON HUMAN FACTORS IN VISUAL DISPLAYS
AD0262534	INVESTIGATION OF ELECTRICALLY VARIABLE DELAY LINES II

### DoD Tech Reports | Order Form | Catalog | Part 48 of 1597 | Page 7 of 21

AD0262535	HEAT CAPACITY AND ENTROPY OF CUC12 AND CRC12 FROM 11 TO 300 K. MAGNETIC ORDERING IN LINEAR CHAIN CRYSTALS
AD0262536	DIFFRACTION STUDIES OF CRYSTAL IMPERFECTIONS
AD0262537	HEAT CAPACITY AND ENTROPY OF COC12 AND MNC12 FROM 11 TO 300 K. THERMAL ANOMALY ASSOCIATED WITH ANTIFERROMAGNETIC ORDERING IN COC12
AD0262538	THE JUNO PROGRAM
AD0262540	STUDY OF PHYSICAL AND CHEMICAL CHARACTERISTICS OF BALLOONS AND BALLOON MATERIALS
AD0262541	THE EFFECT OF CAFFEINE AND NICOTINE AS TENSION-INDUCING AGENTS AND THE ABILITY OF MEPROBAMATE TO COUNTERACT SUCH EFFECTS UPON PERFORMANCE
AD0262542	A MICROWAVE MAGNETIC MICROSCOPE
AD0262543	REENTRY PHYSICS & PROJECT PRESS PROGRAMS
AD0262544	EFFICIENT MULTIPLEXING OF INTERMITTENT TRANSMITTERS
AD0262550	THE EVALUATION OF INFORMATION IN ORGANIZATIONS
AD0262552	AN INVESTIGATION OF THE EFFECTS OF INDUCED NONSYMMETRIC PRESSURE DISTRIBUTIONS ON THE AERODYNAMIC STABILITY OF AN AIRSHIP FORM
AD0262553	INVESTIGATION OF THE MECHANICAL PROPERTIES OF ULTRA-PURE TUNGSTEN
AD0262554	IMPROVEMENTS IN WEATHER-RADAR GREY SCALE
AD0262555	REPLICATION TECHNIQUES FOR ELECTRON MICROSCOPIC STUDIES OF IRON WHISKER SURFACES
AD0262556	COMPATIBILITY OF ELASTOMERS WITH FUEL ANTI-ICING ADDITIVE
AD0262565	IGNITION OF SOME WOODS EXPOSED TO LOW LEVEL THERMAL RADIATION
AD0262572	RELATION BETWEEN SURFACE ROUGHNESS AND SPECULAR REFLECTANCE AT NORMAL INCIDENCE
AD0262573	THE FEASIBILITY OF USING DIFFERENTIAL THERMAL ANALYSIS TO DETERMINE THE THERMAL CHARACTERISTICS OF SELECTED PRIMARY EXPLOSIVES
AD0262575	RESEARCH ON PHASE EQUILIBRIA BETWEEN BORON OXIDES AND REFRACTORY OXIDES, INCLUDING SILICON AND ALUMINUM OXIDES
AD0262576	CENTRAL PLACE STUDIES. A BIBLIOGRAPHY OF THEORY AND APPLICATIONS
AD0262581	CREW INTERACTION DURING A THIRTY-DAY SIMULATED SPACE FLIGHT. PRELIMINARY STUDY
AD0262582	AN ELECTROCHEMICAL DEVICE FOR MEASURING OXYGEN
AD0262583	CAT SCRATCH DISEASE: RESULTS OF COMPLEMENT-FIXATION AND SKIN TESTS
AD0262584	MONTHLY ACCESSION LIST 49

### DoD Tech Reports | Order Form | Catalog | Part 48 of 1597 | Page 8 of 21

AD0262585	AN ANALOG COMPUTER FOR LINEAR ARRAY ANTENNA ANALYSIS
AD0262589	A STUDY OF AIR CONTAMINATION AND PROTECTION FOR FOUR DOD TITANIUM SHEET ALLOYS
AD0262591	
AD0262592	TRANSITION PROBALITIES OF MOLECULAR BAND SYSTEMS XIX. FRANCK- CONDON FACTORS TO HIGH VIBRATIONAL QUANTUM NUMBERS II: SIO, MGO, SRO, A10, VO
AD0262593	TRANSITION PROBABILITIES OF MOLECULAR BAND SYSTEMS. 20. TABULATED KLEIN-DUNHAM POTENTIAL ENERGY FUNCTIONS FOR TEN STATES OF C2(4), 02(2), OH(2) AND SIO(2)
AD0262595	RELIABILITY STUDY. HIGH RATE LECLANCHE WAFER CELLS
AD0262598	FINAL REPORT
AD0262599	ON ROCKET AIRCRAFT INTO SPACE
AD0262601	THE APPLICATION OF ELECTRONIC COMPUTERS TO THE CONSTRUCTION OF THE THEORIES OF PLANETARY MOTIONS
AD0262602	STUDY OF THE DOSE RATE FIELD OF A CYLINDER EMITTER WITH A HIGH- POWER SOURCE OF CO-60 GAMMA-RADIATION
AD0262603	THE MILITARY APPLICATION OF ELECTRONIC COMPUTERS
AD0262604	METALLO-CERAMIC METHOD OF OBTAINED ALLOYED MOLDINGS ON THE BASIS OF MOLYBDENUM
AD0262605	NIOBIUM IODIDE AND SOME OF ITS PROPERTIES
AD0262606	THE POSSIBILITY OF USING BINARY MIXTURES FOR THE MODEL TESTING OF TURBINES
AD0262607	EFFECT OF THE RADIAL CLEARANCE ON THE OPERATION OF A CENTRIPETAL GAS TURBINE
AD0262608	THE SPREADING OF THE PLASTIC ZONE IN AN INHOMOGENEOUS TUBE UNDER THE DYNAMIC INFLUENCE OF PRESSURE
AD0262609	A METHOD FOR IMPROVING THE ORBITS OF ARTIFICIAL EARTH SATELLITES USING OBSERVATIONS WHEN THE TIME IS ONLY APPROXIMATELY KNOWN
AD0262610	ARTIFICIAL COMET
AD0262611	THE STRUCTURE OF A SHOCK WAVE IN AIR, TAKING INTO ACCOUNT THE KINETICS OF CHEMICAL REACTIONS
AD0262612	THE INFLUENCE OF INITIAL CONDITIONS ON THE ORIGIN OF THE BOILING CRISIS WITH NON-UNIFORM HEATING OF THE PERIMETER OF A PIPE
AD0262614	ATMOSPHERIC TRANSMITTANCE COEFFICIENT AS DETERMINED FROM POLARIZATION OF SKY LIGHT
AD0262615	BRIEF COMMUNICATIONS
AD0262616	ON THE DYNAMIC OPERATING MODES OF AN ASYNCHRONOUS MOTOR CONTROLLED BY THE SUPPLY VOLTAGE FREQUENCY OF THE MOTOR

### DoD Tech Reports | Order Form | Catalog | Part 48 of 1597 | Page 9 of 21

AD0262617	DIRECT-CURRENT REVERSING MOTOR-AMPLIFIERS
AD0262618	AN ANNOUNCEMENT ON THE FLIGHT OF YORI GAGARIN
AD0262620	ON TWO FEATURES OF CAVITATIONAL QUALITIES OF A CENTRIFUGAL PUMP WITH FEATHER TYPE VANE AND PARTIAL DISCHARGE OF LIQUID
AD0262621	THE SECOND SPACESHIP
AD0262622	INVESTIGATING HEAT- AND-ELECTRO-CONDUCTION OF TUNGSTEN AND GRAPHITE AT HIGH TEMPERATURES
AD0262623	EXPERIMENTAL INVESTIGATION ON BOUNDARY LAYER SUCTION BY SERIES OF SLITS AND HOLES
AD0262624	SOME ASPECTS OF FREE SHEAR-LAYER INSTABILITY AND SOUND EMISSION
AD0262625	BOUNDARY LAYER DEVELOPMENT IN SUPERSONIC SHEAR FLOW
AD0262626	BOUNDARY LAYER SEPARATION IN THE PRESENCE OF HEAT TRANSFER
AD0262627	AN EXPERIMENTAL TECHNIQUE TO MEASURE HEAT TRANSFER FLUXES AT HIGH SPEEDS: TURBULENT HEAT TRANSFER DATA ON A BLUNT BODY AT M 3.98
AD0262628	THE FLIGHT TESTING OF AIRCRAFT WEAPON SYSTEMS
AD0262629	THE X-15 RESEARCH PROGRAM
AD0262630	DYNA SOAR RESEARCH OBJECTIVES
AD0262631	LAUNCHING OF AIRBORNE MISSILES UNDERWATER. PART XII. EFFECT OF TOTAL MISSILE RESPONSE TO CONFUSED SEAS ON OPTIMUM SUBMARINE HEADING
AD0262632	LAUNCHING OF AIRBORNE MISSILES UNDERWATER. PART XI - EFFECT OF NONLINEAR SUBMARINE RO6L DAMPING ON MISSILE RESPONSE IN CONFUSED SEAS
AD0262633	THE LITERATURE OF MACHINE TRANSLATION: AN ANNOTATED BIBLIOGRAPHY
AD0262634	EXPERIMENTAL STUDIES TO DETERMINE THE CHEMICAL SPECIES PREVALENT IN THE PLASMA OF AN AIR ARC AND THE BOUNDARY LAYERS ADJACENT TO ABLATING MATERIALS
AD0262635	A TRANSISTORIZED HIGH QUALITY CARRIER AMPLIFIER FOR ELECTROCARDIOGRAM
AD0262638	EXPERIMENTAL STUDY OF MAGNETIC EFFECTS IN STEEL UNDER EXPLOSIVE LOADING
AD0262639	RESEARCH INVESTIGATION OF CATHODE EMISSIVE MATERIALS
AD0262640	CORRELATED ELECTRICAL AND OPTICAL MEASUREMENTS OF EXPLODING WIRES
AD0262643	SIMPLIFIED METHOD FOR PREDICTING THERMAL RADIATION IN THE VICINITY OF NUCLEAR DETONATIONS
AD0262644	ON THE UNATTENUATED THERMAL RADIATION FROM NEAR SEA LEVEL NUCLEAR EXPLOSIONS

### DoD Tech Reports | Order Form | Catalog | Part 48 of 1597 | Page 10 of 21

AD0262645	REFLECTED ENERGY FROM A POINT SOURCE TO A PLANE RECEIVER, BOTH SOURCE AND RECEIVER LOCATED BETWEEN TWO LAMBERT PLANES
AD0262646	INDUSTRIAL PREPAREDNESS STUDY ON TRANSISTORS. SILCON POWER TRANSISTOR (DEVICE 15)
AD0262647	PM-1 AIR-COOLED CONDENSER TEST PERFORMED AT THE CLIMATIC LABORATORY, EGLIN AFB, FLORIDA
AD0262648	THE SOLUTION OF PROPELLER LIFTING SURFACE PROBLEMS BY VORTEX LATTICE METHODS
AD0262649	SPACE-TIME SAMPLING AND FILTERING
AD0262651	CANDLEPOWER TESTS OF GENERAL RAILWAY SIGNAL COMPANY. TYPE W AND TYPE SA RANGE LANTERN
AD0262654	RESEARCH ON CDTE
AD0262655	EVALUATION OF NITROCELLULOSE-BASE SPONGE PROPELLANTS PREPARED WITH THE USE OF BLOWING AGENTS
AD0262660	SUBMARINE OCEANOGRAPHIC DIGITAL DATA SYSTEM
AD0262661	THE HYDROGEN LINE IN ABSORPTION
AD0262662	THE THEORY OF SINGLE-RING CIRCULAR ANTENNA ARRAYS
AD0262664	RESEARCH ON CROSSED-FIELD ELECTRON DEVICES
AD0262666	GENERAL STUDIES IN HIGH-POWER MICROWAVE CONCEPTS
AD0262667	DYNAMIC TEST PROGRAM FOR WEAPON SYSTEMS TRAINERS
AD0262668	MACROSONIC COMBUSTION
AD0262670	USE OF VARIOUS AMOUNTS OF RADIATION AND HEAT PROCESSING IN THE PRESERVATION OF CANNED FOODS
AD0262671	DROP-OUTS IN MAGNETIC TAPE SYSTEMS
AD0262672	DUALITY THEORY OF SWITCHING FUNCTIONS
AD0262673	PROVISIONAL THERMODYNAMIC FUNCTIONS FOR PARA HYDROGEN
AD0262680	ELECTRIC CONDUCTIVITY OF A HIGH TEMPERATURE PLASMA TO A RADIO WAVE
AD0262681	PRODUCTION ENGINEERING MEASURE FOR RUGGEDIZED TAUT BANK SUSPENSION PANEL METERS PER SIGNAL CORPS TECHNICAL REQUIREMENT SCS-43A
AD0262685	E41R1 POINT SOURCE GAS ALARM
AD0262688	JET STREAMS IN THE ATMOSPHERE
AD0262692	TABLES OF THERMODYNAMIC PROPERTIES OF AIR FROM 90 TO 1500 K
AD0262693	MICROWAVE SOLID-STATE DEVICES
AD0262694	QUARTZ CRYSTAL CONTROLLED OSCILLATORS

### DoD Tech Reports | Order Form | Catalog | Part 48 of 1597 | Page 11 of 21

AD0262695	TITANIUM ALLOY SHEET FLATTENING PROGRAM
AD0262696	INSTABILITY OF SHIP MOTIONS IN LONGITUDINAL WAVES RESULTING FROM NONLINEAR COUPLING
AD0262697	ON A RESTRICTED CLASS OF COUPLED HILL'S EQUATIONS AND SOME APPLICATIONS
AD0262699	SIMPLIFIED METHODS OF UTILIZING DISTORTION ENERGY CONCEPT FOR THE DESIGN AND STRESS ANALYSIS OF TUBES AND CHAMBERS
AD0262701	RESEARCH ON HIGH TEMPERATURE POLYMERS: SUMMARY REPORT: I. TITANIUM AND ALUMINUM CHELATES
AD0262702	FIXED GROUND COMMUNICATION SYSTEMS. WEAPONS SYSTEM 107A-2
AD0262703	FIXED GROUND COMMUNICATION SYSTEMS. WEAPONS SYSTEM 107A-1
AD0262705	IONIZATION AND RADIATION IN RE-ENTRY FLOW FIELDS, A SELECTIVE BIBLIOGRAPHY
AD0262706	ELECTROCHEMICAL OXIDATION OF TITANIUM SURFACES
AD0262707	INVESTIGATION OF MICROWAVE NON-LINEAR EFFECTS UTILIZING FERROMAGNETIC MATERIALS
AD0262708	ON THE CALCULATION OF ANALYTIC FUNCTIONS OF CYCLIC MATRICES
AD0262709	THE RUBY MASER. A PRACTICAL MICROWAVE AMPLIFIER
AD0262710	ACTIVATION ENERGIES AND VOLUMES FOR THE PROPAGATION OF LUDER'S BANDS
AD0262711	UHF PHASE SHIFTER
AD0262712	AN INVESTIGATION OF THE ROLLING MOTION OF CRUCIFORM-FIN CONFIGURATIONS
AD0262713	THE MEASUREMENT OF THE RATE OF DISSOCIATION OF OXYGEN AT HIGH TEMPERATURES
AD0262714	AN APPROXIMATE SOLUTION OF THE FLOW WITHIN THE REACTION ZONE BEHIND A SPHERICAL DETONATION WAVE IN TNT
AD0262715	THERMAL EMISSION SPECTRA FROM THE NOL ADIABATIC COMPRESSOR
AD0262716	ADHESIVES FOR BONDING ALUMINUM
AD0262717	THE PITCH-YAW-ROLL COUPLING PROBLEM OF GUIDED MISSILES AT HIGH ANGLES OF PITCH
AD0262719	THE RESPONSE OF ELECTRO-EXPLOSIVE DEVICES TO TRANSIENT ELECTRICAL PULSES
AD0262720	CHARACTERIZATION OF SQUIB MK 1 MOD 0. 5-MEGACYCLE RF SENSITIVITY FOR LONG DURATION PULSES
AD0262721	CLOUD STRUCTURE AND DISTRIBUTIONS OVER THE TROPICAL PACIFIC. PART II

### DoD Tech Reports | Order Form | Catalog | Part 48 of 1597 | Page 12 of 21

AD0262722	TEMPORARY HEARING LOSSES FOR PROTECTED AND UNPROTECTED EARS AS A FUNCTION OF EXPOSURE TIME TO CONTINUOUS AND IMPULSE NOISE
AD0262725	TEMPERATURE COMPENSATING TRIMMER
AD0262727	DYNAMIC ENERGY-ABSORBING CHARACTERISTICS OF LIGHTWEIGHT VERMICULITE CONCRETE
AD0262728	A LABORATORY STUDY OF GASES AND VAPORS EASILY PHOTOIONIZED IN THE UPPER ATMOSPHERE
AD0262729	ABSORPTION, IONIZATION, AND ION FRAGMENTATION CROSS SECTIONS OF HYDROCARBON VAPORS FOR VACUUM ULTRAVIOLET RADIATION
AD0262730	THE ABSORPTION COEFFICIENTS OF THE ALKALI METALS AND THE ALKALI EARTHS
AD0262732	PROTECTION OF STEEL AGAINST EROSION, CORROSION, AND WEAR AT ELEVATED TEMPERATURES. PART I
AD0262734	SOME REYNOLDS NUMBER EFFECTS ON THE PERFORMANCE OF EJECTORS WITHOUT INDUCED FLOW
AD0262735	STUDY OF DIFFUSION BONDING OF TUNGSTEN ALLOYS
AD0262736	ON THE STRICTLY STATIONARY PROCESS WITH ADDITIVE SPECTRUM
AD0262737	TESTS OF DYNACRAFT SOLID STATE FLASHER
AD0262738	U. S. NATIONAL SECURITY AND THE COMMUNIST CHALLENGE: THE SPECTRUM OF EAST-WEST CONFLICT
AD0262739	TESTS OF A CAVITATING HYDROFOIL
AD0262740	RECOMBINATION AND ATTACHMENT PROCESSES IN A REGION OF NON- UNIFORM DENSITY AT IONOSPHERIC ALTITUDES
AD0262742	DECREMENTAL EFFECTS OF REINFORCEMENT IN TEAMS WITH REDUNDANT MEMBERS
AD0262743	AN INVESTIGATION OF BASE HEATING ON A 5.47-PER-CENT SCALE MODEL OF THE SATURN S-1 BOOSTER AT TRANSONIC MACH NUMBERS
AD0262744	RADIATION AND STERILIZATION OF FOODS
AD0262746	ON THE IMPLICATIONS OF ELECTRON DIFFUSION THROUGH A HYPERSONIC SHOCK FRONT
AD0262752	HIGH LATITUDE GEOPHYSICAL DATA FOR NOVEMBER 1960
AD0262753	HIGH LATITUDE GEOPHYSICAL DATA FOR DECEMBER 1960
AD0262754	HIGH LATITUDE GEOPHYSICAL DATA FOR JANUARY-MARCH 1961
AD0262755	CHECK TEST OF HEP-T COMPUTER CAM AND TELESCOPE RETICLE FOR M60 TANK
AD0262757	THE DISTRIBUTION OF HOMOGENEOUS AND NON-HOMOGENEOUS QUADRATIC FUNCTIONS OF NORMAL VARIABLES
AD0262758	UNIFIED THEORY OF LATERAL DEVIATIONS OF UNGUIDED FINNED ROCKETS

### DoD Tech Reports | Order Form | Catalog | Part 48 of 1597 | Page 13 of 21

AD0262761	COMPONENTS OF IONIZED IRRADIATED MEATS INJURIOUS TO REPRODUCTION
AD0262762	MEASUREMENT OF VERTICAL WINDS IN TYPICAL TERRAIN
AD0262763	NOTE ON INPUT SUSCEPTANCE OF A DISK LOADED WAVEGUIDE
AD0262765	THE BIOCHEMISTRY AND PHYSIOLOGY OF NITRIFYING BACTERIA
AD0262766	DEVELOPMENT OF ADHESIVES WITH IMPROVED HEAT RESISTANCE IN BONDS OF STAINLESS STEEL
AD0262769	APPROACH VISIBILITY STUDIES AT NEWARD
AD0262771	A PROCEDURAL GUIDE FOR TECHNICAL IMPLEMENTATION OF THE FORECAST METHODS OF TASK AND SKILL ANALYSIS
AD0262772	DATA ANALYSIS AND LONG RANGE INTERCEPT TECHNIQUES
AD0262774	INVESTIGATION OF VARIOUS ACTIVATOR-REFRACTORY SUBSTRATE COMBINATIONS
AD0262775	DEVELOPMENT OF COMPOSITE ROCKET NOZZLES
AD0262776	INVESTIGATION OF VARIOUS ACTIVATOR-REFRACTORY SUBSTRATE COMBINATIONS
AD0262777	INSTRUMENT OPERATIONS ON TEST DEPARTMENT RANGES
AD0262779	RESPONSE MODE, PACING, AND MOTIVATIONAL EFFECTS IN TEACHING MACHINES
AD0262780	STUDIES ON THE PROPERTIES OF FIBRINOGEN-FREE LOW GLOBULIN PLASMA PROTEIN SOLUTIONS
AD0262781	AERODYNAMIC HEATING OF SPACECRAFT DURING ENTRY INTO A PLANETARY ATMOSPHERE: AN ANOTATED BIBLIOGRAPHY
AD0262791	CONTRIBUTIONS OF ROCKETS AND SATELLITES TO THE WORLD MAGNETIC SURVEY
AD0262792	A DIGITAL SOLAR ASPECT SENSOR
AD0262793	THE ELECTROCHEMICAL FLUORINATION OF ORGANOSILICON COMPOUNDS
AD0262794	THE THREE-DIMENSIONAL TURBULENT BOUNDARY LAYER ON A ROTATING DISK
AD0262796	REPORT OF INVESTIGATION OF OUTDOOR WEATHER AGING OF PLASTICS
AD0262797	GEOMAGNETICALLY TRAPPED PROTONS FROM COSMIC RAY ALBEDO NEUTRONS
AD0262798	ON THE INTERIOR REGULARITY OF WEAK SOLUTIONS OF THE NAVIER-STOKES EQUATIONS
AD0262799	UPPER ATMOSPHERE DYNAMICAL MOTIONS WITH SPECIAL CONSIDERATION OF THE CORIOLIS FORCE AND INCLUDING THE EFFECTS OF ELECTRIC FIELDS
AD0262800	A REVIEW OF THE MACROSCOPIC EQUATIONS FOR A NON-REACTING PLASMA
AD0262801	THE INFRARED SPECTRA AND STRUCTURES OF THE CRYSTALLINE PHASES OF CH4 AND CD4

### DoD Tech Reports | Order Form | Catalog | Part 48 of 1597 | Page 14 of 21

AD0262802	ON DOUBLE-MINIMUM POTENTIALS IN HYDROGEN BONDED SOLIDS
AD0262805	POLYMERIZATION OF PHOSPHONITRILIC CHLORIDE TRIMER AT HIGH PRESSURES AND TEMPERATURES
AD0262806	AN EFFICIENT AND INEXPENSIVE INERT GAS CHAMBER (PART A). DICHLORO(2,2'-IMINODIPYRIDINE)ZINC(II), DIACETATO(2,2'- IMINODIPYRIDINE)ZINC(II), AND DICYANO(2,2'-IMINODIPYRIDINE)ZINC(II) (PART B). DIPHENYLPHOSPHINIC ACID (PART C). THE PREPARATION AND STUDY OF CHROMIUM(II) COMPOUNDS (PART D)
AD0262807	DIODES, CLIPPER AND HOLD-OFF, HIGH VOLTAGE (10-20 KV)
AD0262810	THE GROWTH, BREEDING, LONGEVITY AND HISTOPATHOLOGY OF RATS FED IRRADIATED OR CONTROL FOODS
AD0262811	THE GROWTH, BREEDING, LONGEVITY AND HISTOPATHOLOGY OF RATS FED IRRADIATED OR CONTROL FOODS
AD0262813	LONG-TERM DOG AND RAT FEEDING EXPERIMENT EMPLOYING IRRADIATED MILK AND BEEF STEW (C-RATION)
AD0262814	MOUSE CARCINOGENICITY STUDY
AD0262815	MOLYBDENUM STRUCTURAL COMPONENT PROGRAM
AD0262819	ON THE RESPONSE OF SHOCK-SPECTRUM GAUGES
AD0262828	HIGH POWER MICROWAVE FERRITES AND DEVICES
AD0262829	LIMITED SUPERPOSITION IN PIECEWISE-LINEAR SYSTEMS
AD0262830	MOVEMENT OF AIR IN THE ELECTRIC WIND OF THE CORONA DISCHARGE
AD0262832	COMBUSTION OF ELEMENTAL BORON
AD0262833	COMBUSTION OF ELEMENTAL BORON
AD0262838	RADIOISOTOPES IN RADIATION PROCESSED FOODS
AD0262840	TRANSDUCERS. LIST OF CURRENT STATE-OF-THE-ART PROJECTS
AD0262842	MACH TABLES FOR REAL GAS EQUILIBRIUM FLOW OF AIR IN HYPERVELOCITY TEST FACILITIES WITH TOTAL TEMPERATURES TO 10,000 DEG K
AD0262843	PHYSICAL GAS DYNAMIC RESEARCH AT THE AVCO RESEARCH LABORATORY
AD0262846	A CRITICAL STUDY OF LINEAR ARRAYS WITH EQUAL SIDE LOBES
AD0262847	ELECTRON SPIN RESONANCE OF ALKYLATED BENZENE ANIONS
AD0262848	THREE PROOFS FOR THE FUNDAMENTAL THEOREM OF INFORMATION THEORY DISCRETE MEMORYLESS CHANNELS
AD0262849	TERM INDEX AND DICTIONARY
AD0262850	QUASI-ELASTIC PEAK IN HIGH ENERGY NUCLEON-NUCLEON SCATTERING
AD0262852	SCALED VEHICLE MOBILITY FACTORS (SAND)
AD0262876	DYNAMIC STABILITY MEASUREMENTS

### DoD Tech Reports | Order Form | Catalog | Part 48 of 1597 | Page 15 of 21

AD0262877	THE EFFECTS OF MAGNUS MOMENT AT SUBSONIC VELOCITIES ON THE 105MM MOTAR PROJECTILE T-53
AD0262878	VECTOR INTEGRAL EQUATIONS
AD0262880	ARMY AVIATION HELMET EXPERIENCE
AD0262882	MATHEMATICAL RESEARCH RELATED TO INFORMATION SELECTION SYSTEMS
AD0262888	EFFECTS OF DIFFUSER LENGTH ON THE PERFORMANCE OF EJECTORS WITHOUT INDUCED FLOW
AD0262889	HORIZONTAL AND VERTICAL CONTROL FOR LUNAR MAPPING. (PART I. METHODS)
AD0262891	WEATHER. APPLIED MILITARY CLIMATOLOGY
AD0262897	CONCERNING STRAIN GAGE MEASUREMENT OF CREEP OF PLASTICS
AD0262900	THE SPECIFIC HEAT OF FEC12 . 4H20 BETWEEN 1.1 AND 20 K
AD0262901	THE DEVELOPMENT OF OPTIMUM MANUFACTURING METHODS FOR COLUMBIUM ALLWY FORGINGS
AD0262905	REVIEW OF RECENT DEVELOPMENTS IN METALS JOINING
AD0262906	AN INVESTIGATION OF A SEMIAUTOMATIC IMPEDANCE INDICATOR
AD0262907	APPLICATION OF FACTORIAL EXPERIMENT AND BOX TECHNIQUE TO BALLISTIC DEVICES
AD0262909	STUDY OF GROUNDLINE TREATMENTS APPLIED TO FIVE POLE SPECIES
AD0262910	BALLISTIC CAMERA SYNCHRONIZATION AND CONTROL SYSTEM
AD0262911	A CROSS-VALIDATION OF THE PROVERBIAL ATTITUDES TEST AND THE PSYCHODYNAMICS UNDERLYING THE PROVERBS IDENTIFYING THE CHARACTER AND PERSONALITY DISORDERS
AD0262912	BACKGROUND INTENSITIES IN SINGLE CRYSTAL DIFFRACTOMETRY
AD0262913	INVESTIGATION OF THE NATURAL INTERFERENCE EFFECTS UPON HIGH THRUST PILOTED AND PILOTLESS VEHICULAR ELECTRONICS SYSTEM PERFORMANCE. PART I. VEHICLE INDUCED INTERFERENCE. PART II. INTERFERENCE DUE TO UNDISTURBED ENVIRONMENT. PART III. CONCLUSION AND RECOMMENDATIONS
AD0262915	THE LINEARIZED THEORY OF A SUPERCAVITATING HYDROFOIL WITH A JET FLAP
AD0262916	RESISTORS, VARIABLE (FILM TYPE)
AD0262917	DEVELOPMENT AND FABRICATION OF NON-DESTRUCTIVE SPECIFIC GRAVITY MEASURING EQUIPMENT EMPLOYING RADIATION TECHNIQUE
AD0262918	MAXIMAL POINTS OF A REGULAR TRUTH FUNCTION
AD0262919	MAGNESIUM ALLOY AIRFRAME
AD0262921	RECOGNITION AND IDENTIFICATION OF EARTH SATELLITES AND SPACECRAFT

### DoD Tech Reports | Order Form | Catalog | Part 48 of 1597 | Page 16 of 21

AD0262922	SOME THOUGHTS ON MODULATION AND DEMODULATION FOR THE NEEDLES CHANNEL. PART I
AD0262923	FREE CARRIER FARADAY AND VOIGT EFFECTS FOR A CUBIC CRYSTAL WITH A PB-TE LIKE BAND STRUCTURE
AD0262924	QUANTUM DETECTOR FOR MEASUREMENT OF EED BRIDGE WIRE TEMPERATURE RISE
AD0262925	FERROMAGNETIC RESONANCE IN YTTRIUM IRON GARNET FILM
AD0262926	ANALYSIS OF A NONLINEAR DRIVE FOR A GIMBALLED PLATFORM
AD0262927	CRYSTAL FILTERS
AD0262928	ROCKET MEASUREMENT OF A DAYTIME ELECTRON DENSITY PROFILE UP TO 620 KILOMETERS
AD0262929	DETERMINATION OF LOCAL EXPERIMENTAL HEAT-TRANSFER COEFFICIENTS ON COMBUSTION SIDE OF AN AMMONIA-OXYGEN ROCKET
AD0262930	HEAT TRANSFER AT THE REATTACHMENT ZONE OF SEPARATED LAMINAR BOUNDARY LAYERS
AD0262931	PROJECT ECHO. BORESIGHT CAMERAS FOR RECORDING ANTENNA POINTING ACCURACY
AD0262934	EXACT EQUATIONS FOR THE RADIO FREQUENCY MAGNETIC PERMEAMTER
AD0262935	A PLAN TO REDUCE COSTS OF TECHNICAL LIBRARY OPERATIONS IN THE DEPARTMENT OF DEFENSE
AD0262936	ENVIRONMENTAL REQUIREMENTS OF SEALED CABINS FOR SPACE AND ORBITAL FLIGHTS. SPACE AGE UTILIZATION OF RECYCLED METABOLIC WASTES
AD0262937	THE ROLE OF KNOWLEDGE OF RESULTS IN LEARNING: A SURVEY
AD0262938	NATIONAL WIND-TUNNEL SUMMARY
AD0262939	DATA GATHERING INSTRUMENTATION
AD0262940	DEVELOPMENT OF INDUCTOR MICROELEMENTS
AD0262942	SOVIET-BLOC DEVELOPMENT OF SYNTHETIC FIBERS
AD0262943	DEVELOPMENT OF DAMPING TREATMENTS FOR NEW CONSTRUCTION SUBMARINES
AD0262945	TIROS I METEOROLOGICAL SATELLITE SYSTEM. VOLUME II
AD0262946	TIROS I METEOROLOGICAL SATELLITE SYSTEM. VOLUME III
AD0262947	A NAVAL ARCHITECT'S REFLECTIONS ON SOME RESEARCH PROBLEMS WITH SHIP STEEL
AD0262948	ON VARIOUS PROBLEMS OF IMMEDIATE INTEREST TO A SHIP CLASSIFICATION MAN
AD0262949	AN INVESTIGATION TO ESTABLISH THE TRUE NATURE OF CLOUD COVER

AD0262950	INHIBITORY ACTION OF DITHIOCARBAMATES ON ENZYMES OF ANIMAL TISSUES
AD0262951	AN EXPERIMENTAL STUDY OF ACOUSTIC EXCITATION OF FLAT PLATES BY UNSTEADY FLOW
AD0262952	A METHOD OF CALCULATING THE SPINDLE TORQUE OF A CONTROLLABLE- PITCH PROPELLER AT DESIGN CONDITIONS
AD0262953	THE DEPENDENCE OF THE 2ND VIRIALCOEFFICIENT ON THE CONSTITUTION OF THE ENDGROUP OF THE MACROMOLECULES
AD0262954	STABLE DENSE COLD PLASMA
AD0262958	DIRECTORY OF R AND D INFORMATION SYSTEMS. A LISTING OF CENTERS, SERVICES, SOURCES AND SYSTEMS ENGAGED IN COLLECTING, STORING AND DISSEMINATING SCIENTIFIC DATA AND INFORMATION APPLICABLE TO AEROSPACE RESEARCH AND TECHNOLOGY
AD0262959	ON THE RELATIVE GROWTH OF DIFFERENCES OF PARTITION FUNCTIONS
AD0262965	THE PREDICTION OF AFTERNOON VISIBILITY IN WINTER AT RAF UPPER HEYFORD
AD0262966	SUBSIDENCE RATES OF COLLOIDAL SILICA IN VARIOUS MIXED LIQUIDS COMPUTER SIMULATION OF THE SUBSIDENCE PROCESS
AD0262968	A STUDY OF IONOSPHERIC FIELD ALIGNED SCATTER
AD0262970	THE SUPPOSED EXCITATION OF PLASMA OSCILLATIONS BY GASGYNAMIC SHOCK WAVES IN A PLASMA (A). THE ELECTRO-MAGNETIC IRRADIATION BY LONGITUDINAL PLASMA-OSCILLATIONS WITHIN A MEDIUM WHICH IS NEITHER AFFECTED BY AN EXTERNAL MAGNETIC FIELD NOR BY FLOWS OF THE PLASMA AS A WHOLE (B). THE DEVELOPMENT OF GAS KINETIC METHOD ADAPTED TO HEAVY DEVIATIONS FROM THERMODYNAMIC EQUILIBRIUM AND THEIR APPLICATION TO STRONG PLASMA SHOCK WAVES WITH EXCITATION OF ELECTRON PLASMA OSCILLATIO
AD0262972	RESEARCH ON THE DESIGN OF ADAPTIVE TEACHING SYSTEMS WITH A CAPABILITY FOR SELECTING AND ALTERING CRITERIA FOR ADAPTATION
AD0262973	FINAL RESULTS OBTAINED IN THE SETTING UP OF THE MOLECULAR GUN
AD0262974	LINEARITY AND MINIMUM ENTROPY PRODUCTION
AD0262976	DYNA-SOAR EJECTION SEAT AND SURVIVAL SYSTEM
AD0262977	ON THE DISTRIBUTION OF THE TWO-SAMPLE CRAMERVON MISES CRITERION
AD0262978	THE INFLUENCE OF IRRADIATED FOODS ON THE ENZYME SYSTEMS CONCERNED WITH DIGESTION
AD0262985	STRESS WAVE PHENOMENA IN SEMI-SOLIDS
AD0262986	DEVELOPMENT OF FLEXIBLE POLYMERS AS THERMAL INSULATION IN SOLID- PROPELLANT ROCKET MOTORS
AD0262987	HIGH-TEMPERATURE OXIDATION PROTECTIVE COATINGS FOR VANADIUM- BASE ALLOYS

### DoD Tech Reports | Order Form | Catalog | Part 48 of 1597 | Page 18 of 21

AD0262988	A SAMPLE EVALUATION OF HUMAN ENGINEERING IN AIR FORCE BALLISTIC MISSILE PROGRAMS
AD0262989	REVIEW OF FIRE AND EXPLOSION HAZARDS OF FLIGHT VEHICLE COMBUSTIBLES
AD0262990	THE EFFECT OF RISE AND DECAY TIME ON VIGILANCE FOR WEAK AUDITORY AND CUTANEOUS STIMULI
AD0262991	A STUDY OF ATMOSPHERIC EFFECTS ON THE INFRARED SPECTRUM
AD0262992	PHYSIOLOGIC EFFECTS OF A HYPODYNAMIC ENVIRONMENT SHORT TERM STUDIES
AD0262993	VARIATIONAL METHOD FOR THE QUANTUM STATISTICS OF INTERACTING PARTICLES
AD0262994	SURFACE DECARBURIZATION PROGRAM
AD0262995	ON THE FINITE DEFLECTION OF A VISCOELASTIC CANTILEVER
AD0262996	ON THE STABILITY OF VISCOUS FLOW BETWEEN ROTATING CYLINDERS. I. ASYMPTOTIC ANALYSIS
AD0262997	ONE-DIMENSIONAL EQUILIBRIUM SPECTRA IN ISOTROPIC TURBULENCE. II
AD0262999	STUDY OF METHODS FOR IMPROVING QUALITY OF SYNTHETIC QUARTZ
AD0263001	DISPLACEMENTS AND STRESSES DUE TO NUCLEI OF STRAIN IN AN ELASTIC HALF-SPACE
AD0263004	AIRMAT MATERIALS INVESTIGATION OF ONE-PLACE INFLATOPLANE GA-468
AD0263005	CODING FOR TWO-WAY CHANNELS
AD0263007	HIGH STRENGTH GLASS FIBERS DEVELOPMENT PROGRAM
AD0263009	DEVELOPMENT OF MICROBIOLOGICAL SLUDGE INHIBITORS
AD0263010	DESIGN OF A COMPUTER ESPECIALLY ADAPTED TO THE STUDY OF THE PROPERTIES OF THIN FILMS
AD0263011	SUBMARINE FOOD STORAGE PROJECT
AD0263013	FIBERGLASS MOTOR CASE STUDY
AD0263014	INVESTIGATION AND STUDY OF PROPAGATION IN AND PROPERTIES OF NON- UNIFORM PLASMAS
AD0263016	DETERMINING AIR REACTIONS ON MOVING VEHICLES. PART V. METHODS OF AERODYNAMICS-COMPOSITE BODIES
AD0263017	PRODUCTION ENGINEERING OF PLASTIC COMPONENTS FOR 81 MM T214E2 ILLUMINATING CARTRIDGE
AD0263019	ANNUAL REPORT TO THE OFFICE OF NAVAL RESEARCH
AD0263020	THE STRANDFLAT OF ICELAND
AD0263021	THE STRANDFLAT OF ICELAND. APPENDIX. MAPS AND TABLES

### DoD Tech Reports | Order Form | Catalog | Part 48 of 1597 | Page 19 of 21

AD0263022	INVESTIGATION OF DUPLEXING TECHNIQUES AT HIGH DUTY CYCLE CONDITIONS
AD0263025	RESEARCH DIRECTED TOWARD THE INVESTIGATION OF RADAR TECHNIQUES FOR SEVERE STORM IDENTIFICATION AND THE MEASUREMENT OF PRECIPITATION GROWTH
AD0263027	PROBABILISTIC METHODS IN MARKOV CHAINS
AD0263028	A REVIEW OF MUSCULAR ACTIVITY AND ITS ROLE IN CETACEAN PROPULSION
AD0263030	THE FEASIBILITY OF X-RAY INSPECTION OF WELDS USING BACK SCATTERED RADIATION
AD0263038	STUDENT SUGGESTIONS CONCERNING THE FLIGHT AND NAO TRAINING PROGRAMS
AD0263040	POWER SPECTRUM ANALYSIE OF TURBULENT SURFACE WINDS OVER WATER UNDER INVERSION CONDITIONS
AD0263041	GUIDEBOOK FOR THE PLANNING OF INTEGRATED ATOMIC DEFENSE SHELTERS IN SELECTED MILITARY BUILDING TYPES
AD0263042	BIBLIOGRAPHY OF BOOKS PERTAINING TO SYSTEMS ENGINEERING
AD0263044	PRELIMINARY ENGINEERING ANALYSIS OF POWER SOURCES FOR SPACE VEHICLES
AD0263048	VISCOELASTIC STRESS ANALYSIS OF A SPINNING HOLLOW CIRCULAR CYLINDER WITH AN ABLATING PRESSURIZED CAVITY
AD0263049	AN APPROACH TO THE INHIBITION OF FRACTURING IN ENCASED SOLID PROPELLANT GRAINS
AD0263050	ON THE SOLUTIONS OF THE DIFFERENTIAL EQUATION YVI=XY. II. TABLES
AD0263053	EVALUATION OF AIRPORT NOISE AND COMMUNITY REACTION
AD0263054	LOADING AND UNLOADING SOLUTIONS FOR AN ELASTIC/PLASTIC ANNULAR PLATE IN THE STATE OF PLANE STRESS UNDER COMBINED PRESSURE AND COUPLE
AD0263056	A GENERALIZATION OF WOODWARD'S THEOREM AND THE SPECTRUM OF A HIGH HARMONIC OF A SINUSOID PLUS NARROW-BAND GAUSSIAN NOISE
AD0263057	ANALOG COMPUTER STUDY OF REACTIONLESS LAUNCHERS
AD0263059	EXPLORATORY ENVIRONMENTAL TESTS OF SEVERAL HEAT SHIELDS
AD0263060	CONTRIBUTIONS TO SATELLITE METEOROLOGY. VOLUME II
AD0263061	FERRITE DEVELOPMENT
AD0263062	TIME SIGNAL GENERATOR GROUP QRC-37F(T) (SUPPLEMENT)
AD0263066	LIGHTNING PROTECTION REVIEW OF PAST LTRI RESEARCHES RELATING TO KC-135 AND SIMILAR TYPE AIRCRAFT
AD0263067	STUDIES IN EIGENVALUE PROBLEMS. THEORY OF BESSEL POTENTIALS. PART II
AD0263069	APPLICATION OF WEATHER RADAR TO FALLOUT PREDICTION

AD0263071	INTERACTION OF A CHARGED SATELLITE WITH THE IONOSPHERE
AD0263072	LANDING CHARACTERISTICS OF A LENTICULAR-SHAPED RE-ENTRY VEHICLE
AD0263073	INVESTIGATION OF A RETROROCKET EXHAUSTING FROM THE NOSE OF A BLUNT BODY INTO A SUPERSONIC FREE STREAM
AD0263074	APPROXIMATE TEMPERATURE DISTRIBUTIONS AND STREAM-WISE HEAT CONDUCTIOMNEFFECTS IN THE TRANSIENT AERODYNAMIC HEATING OF THIN-SKINNED BODIES
AD0263075	FREE-FLIGHT INVESTIGATION OF RADIO-CONTROLLED MODELS WITH PARAWINGS
AD0263076	AERODYNAMIC LOADING CHARACTERISTICS AT MACH NUMBERS FROM 0.80 TO 1.20 OF A 1/10-SCALE THREE-STAGE SCOUT MODEL
AD0263077	A SIMULATOR STUDY OF THE EFFECTIVENESS OF A PILOT'S INDICATOR WHICH COMBINED ANGLE OF ATTACK AND RATE OF CHANGE OF TOTAL PRESSURE AS APPLIED TO THE TAKE-OFF ROTATION AND CLIMBOUT OF A SUPERSONIC TRANSPORT
AD0263078	ANALYSIS OF A LINEAR SYSTEM FOR VARIABLE-THRUST CONTROL IN THE TERMINAL PHASE OF RENDEZVOUS
AD0263079	A METHOD FOR LONGITUDINAL AND LATERAL RANGE CONTROL FOR A HIGH- DRAG LOW- LIFT VEHICLE ENTERING THE ATMOSPHERE OF A ROTATING EARTH
AD0263080	HEAT TRANSFER AND BOUNDARY-LAYER TRANSITION ON A HIGHLY POLISHED HEMISPHERE-CONE IN FREE FLIGHT AT MACH NUMBERS UP TO 3.14 AND REYNOLDS NUMBERS UP TO 24 X 106
AD0263081	RADIATION EMISSION EFFECTS OF THE EQUILIBRIUM BOUNDARY LAYER IN THE STAGNATION REGION
AD0263082	ANNULAR INTERNAL-EXTERNAL-EXPANSION ROCKET NOZZLES FOR LARGE BOOSTER APPLICATIONS
AD0263083	THE LAMINAR BOUNDARY LAYER AT HYPERSONIC SPEEDS
AD0263084	SOLAR RADIO PHENOMENA AND THEIR PHYSICAL INTERPRETATION
AD0263085	STUDIES OF A VENTILATED SUPERCAVITATING PROPELLER ON A TORPEDO TEST VEHICLE. PART 1. PERFORMANCE RESULTS
AD0263089	A TWO-ELEMENT HALFWAVE VLF RECEIVING ANTENNA ARRAY SYSTEM
AD0263090	MAGNESIUM AND CALCIUM IONS IN THE EARTH'S UPPER ATMOSPHERE
AD0263091	BARGAINING BEHAVIOR: I. THE USES OF INFORMATION AND THREAT BY BILATERAL MONOPOLISTS OF UNEQUAL STRENGTH
AD0263092	BARGAINING BEHAVIOR: II. EXPERIMENTS IN OLIGOPOLY
AD0263097	BORON POLYMERS
AD0263100	A STUDY OF THERMAL ARC-JET PROPULSION
AD0263101	THE VARIANCE OF MEANS OF SYMMETRICALLY TRIMMED SAMPLES FROM NORMAL POPULATIONS, AND ITS ESTIMATION FROM SUCH TRIMMED

### DoD Tech Reports | Order Form | Catalog | Part 48 of 1597 | Page 21 of 21

	Joits   <u>Order Form</u>   <u>Catalog</u>   Fait 40 01 1597   Fage 21 01 21
	SAMPLES. (TRIMMING/ WINSORIZATION I)
AD0263102	DISPLACEMENTS AND ROTATIONS IN SHORT, CIRCULAR CYLINDRICAL SHELLS
AD0263103	CALCULATION OF SUPERSONIC FLOW AROUND AXISYMMETRIC FLARES
AD0263104	THE SUPER-FAST LONGITUDINAL PINCH
AD0263105	MATHEMATICS. POLYNOMIALS OF BEST APPROXIMATION ON A REAL FINITE POINT SET
AD0263106	VARIATIONAL PRINCIPLES FOR THE WAVE FUNCTION IN SCATTERING THEORY
AD0263107	PHOTOEMISSION SOLAR ENERGY CONVERTER
AD0263108	THE EFFECT OF SHEAR DEFORMATIONS ON THE BENDING OF THICK FLANGED CYLINDRICAL SHELLS UNDER INTERNAL PRESSURE
AD0263109	PROJECT LIGHTNING. VOLUME II
AD0263110	PROJECT LIGHTNING. VOLUME I
AD0263112	RESEARCH IN ELECTRON EMISSION FROM SEMICONDUCTORS
AD0263116	ELECTRON DEVICES RESEARCH
AD0263117	GRAPHICAL DATA PROCESSING RESEARCH STUDY AND EXPERIMENTAL INVESTIGATION
AD0263118	TUNGSTEN AND ROCKET MOTORS
AD0263119	TIME RESPONSE CHARACTERISTICS OF LINEAR NETWORKS AND TRANSFORMATION METHODS IN NETWORK SYNTHESIS
AD0263120	THE STUDY OF BURN AND WOUND HEALING IN THE ALBINO RAT DEFICIENT IN VITAMINS AND OTHER ESSENTIAL FOOD SUBSTANCES
AD0263122	COMBUSTION OF ELEMENTAL BORON
AD0263123	FUNCTION-THEORETIC ANALYSIS OF KEPLER'S EQUATION
AD0263124	A REFLECTION METHOD FOR POLE FIGURE DETERMINATION
AD0263125	FURTHER WORK ON THE ZINC-BASE COATING FOR NIOBIUM
AD0263126	TEST PROGRAM FOR EVALUATING PROCEDURES FOR THE EXPLOITATION OF LITERATURE OF INTEREST TO METALLURGISTS. V. THE SEMANTIC CODE TODAY
AD0263127	THE INFRARED SPECTRUM AND THERMODYNAMIC PROPERTIES OF GASEOUS SULFUR TRIOXIDE
AD0263128	ON THE CONSEQUENCES OF A MODEL FOR THE EFFECT OF THICKNESS ON FRACTURE TOUGHNESS AS APPLIED TO LAMINATED STRUCTURES
AD0263130	HAPTENIC PROPERTIES OF PARALYTIC SHELLFISH POISON
AD0263131	HAPTENIC PROPERTIES OF PARALYTIC SHELLFISH POISON
AD0263132	HAPTENIC PROPERTIES OF PARALYTIC SHELLFISH POISON